L Number	Hits	Search Text	DB	Time stamp
1	338058	corner or corners	USPAT; US-PGPUB	2004/08/14 20:29
2	8999	sti	USPAT; US-PGPUB	2004/08/14 20:29
3	9805	shallow with trench$ with isolat$	USPAT; US-PGPUB	2004/08/14 20:29
4	2228772	etch$ or patern$ or remov$	USPAT; US-PGPUB	2004/08/14 20:31
5	19228	(corner or corners) with (etch$ or patern$ or remov$)	USPAT; US-PGPUB	2004/08/14 18:41
6	679	(sti or (shallow with trench$ with isolat$)) and ((corner or corners) with (etch$ or patern$ or remov$))	USPAT; US-PGPUB	2004/08/14 18:41
7	255	(sti or (shallow with trench$ with isolat$)) same ((corner or corners) with (etch$ or patern$ or remov$))	USPAT; US-PGPUB	2004/08/14 19:37
8	424	((sti or (shallow with trench$ with isolat$)) and ((corner or corners) with (etch$ or patern$ or remov$))) not ((sti or (shallow with trench$ with isolat$)) same ((corner or corners) with (etch$ or patern$ or remov$)))	USPAT; US-PGPUB	2004/08/14 19:37
9	2826278	lower or bottom	USPAT; US-PGPUB	2004/08/14 20:30
10	81381	(corner or corners) with (lower or bottom)	USPAT; US-PGPUB	2004/08/14 19:37
11	81381	(lower or bottom) with ((corner or corners) with (lower or bottom))	USPAT; US-PGPUB	2004/08/14 19:38
12	3265	(etch$ or patern$ or remov$) with ((corner or corners) with (lower or bottom))	USPAT; US-PGPUB	2004/08/14 19:38
13	126	((sti or (shallow with trench$ with isolat$)) and ((corner or corners) with (etch$ or patern$ or remov$))) and ((etch$ or patern$ or remov$) with ((corner or corners) with (lower or bottom)))	USPAT; US-PGPUB	2004/08/14 19:38
14	93	(((sti or (shallow with trench$ with isolat$)) and ((corner or corners) with (etch$ or patern$ or remov$))) and ((etch$ or patern$ or remov$) with ((corner or corners) with (lower or bottom)))) not ((sti or (shallow with trench$ with isolat$)) same ((corner or corners) with (etch$ or patern$ or remov$)))	USPAT; US-PGPUB	2004/08/14 19:39
15	3172	((etch$ or patern$ or remov$) with ((corner or corners) with (lower or bottom))) not (((((sti or (shallow with trench$ with isolat$)) and ((corner or corners) with (etch$ or patern$ or remov$))) and ((etch$ or patern$ or remov$) with ((corner or corners) with (lower or bottom)))) not ((sti or (shallow with trench$ with isolat$)) same ((corner or corners) with (etch$ or patern$ or remov$))))	USPAT; US-PGPUB	2004/08/14 19:40
16	93	((etch$ or patern$ or remov$) with ((corner or corners) with (lower or bottom))) not (((etch$ or patern$ or remov$) with ((corner or corners) with (lower or bottom))) not (((((sti or (shallow with trench$ with isolat$)) and ((corner or corners) with (etch$ or patern$ or remov$))) and ((etch$ or patern$ or remov$) with ((corner or corners) with (lower or bottom)))) not ((sti or (shallow with trench$ with isolat$)) same ((corner or corners) with (etch$ or patern$ or remov$)))))	USPAT; US-PGPUB	2004/08/14 20:00
17	331	(((sti or (shallow with trench$ with isolat$)) and ((corner or corners) with (etch$ or patern$ or remov$))) not ((sti or (shallow with trench$ with isolat$)) same ((corner or corners) with (etch$ or patern$ or remov$)))) not (((etch$ or patern$ or remov$) with ((corner or corners) with (lower or bottom))) not (((etch$ or patern$ or remov$) with ((corner or corners) with (lower or bottom))) not (((((sti or (shallow with trench$ with isolat$)) and ((corner or corners) with (etch$ or patern$ or remov$))) and ((etch$ or patern$ or remov$) with ((corner or corners) with (lower or bottom)))) not ((sti or (shallow with trench$ with isolat$)) same ((corner or corners) with (etch$ or patern$ or remov$))))))	USPAT; US-PGPUB	2004/08/14 20:02

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18	18897	((corner or corners) with (etch$ or patern$ or remov$)) not (((((sti or (shallow with trench$ with isolat$)) and ((corner or corners) with (etch$ or patern$ or remov$))) not ((sti or (shallow with trench$ with isolat$)) same ((corner or corners) with (etch$ or patern$ or remov$)))) not (((etch$ or patern$ or remov$) with ((corner or corners) with (lower or bottom))) not (((etch$ or patern$ or remov$) with ((corner or corners) with (lower or bottom))) not (((((sti or (shallow with trench$ with isolat$)) and ((corner or corners) with (etch$ or patern$ or remov$))) and ((etch$ or patern$ or remov$) with ((corner or corners) with (lower or bottom)))) not ((sti or (shallow with trench$ with isolat$)) same ((corner or corners) with (etch$ or patern$ or remov$)))))))	USPAT; US-PGPUB	2004/08/14 20:02
19	331	((corner or corners) with (etch$ or patern$ or remov$)) not (((corner or corners) with (etch$ or patern$ or remov$)) not ((((sti or (shallow with trench$ with isolat$)) and ((corner or corners) with (etch$ or patern$ or remov$))) not ((sti or (shallow with trench$ with isolat$)) same ((corner or corners) with (etch$ or patern$ or remov$)))) not (((etch$ or patern$ or remov$) with ((corner or corners) with (lower or bottom))) not (((etch$ or patern$ or remov$) with ((corner or corners) with (lower or bottom))) not ((((sti or (shallow with trench$ with isolat$)) and ((corner or corners) with (etch$ or patern$ or remov$))) and ((etch$ or patern$ or remov$) with ((corner or corners) with (lower or bottom)))) not ((sti or (shallow with trench$ with isolat$)) same ((corner or corners) with (etch$ or patern$ or remov$))))))))	USPAT; US-PGPUB	2004/08/14 20:05
20	636	sti.ti,ab.	USPAT; US-PGPUB	2004/08/14 20:05
21	1335	(shallow with trench$ with isolat$).ti,ab.	USPAT; US-PGPUB	2004/08/14 20:05
22	73	(((corner or corners) with (etch$ or patern$ or remov$)) not (((corner or corners) with (etch$ or patern$ or remov$)) not ((((sti or (shallow with trench$ with isolat$)) and ((corner or corners) with (etch$ or patern$ or remov$))) not ((sti or (shallow with trench$ with isolat$)) same ((corner or corners) with (etch$ or patern$ or remov$)))) not (((etch$ or patern$ or remov$) with ((corner or corners) with (lower or bottom))) not (((etch$ or patern$ or remov$) with ((corner or corners) with (lower or bottom))) not ((((sti or (shallow with trench$ with isolat$)) and ((corner or corners) with (etch$ or patern$ or remov$))) and ((etch$ or patern$ or remov$) with ((corner or corners) with (lower or bottom)))) not ((sti or (shallow with trench$ with isolat$)) same ((corner or corners) with (etch$ or patern$ or remov$)))))))) and (sti.ti,ab. or ((shallow with trench$ with isolat$).ti,ab.))	USPAT; US-PGPUB	2004/08/14 20:06

| 23 | 258 | (((corner or corners) with (etch$ or patern$ or remov$)) not ((((corner or corners) with (etch$ or patern$ or remov$)) not (((((sti or (shallow with trench$ with isolat$)) and ((corner or corners) with (etch$ or patern$ or remov$))) not ((sti or (shallow with trench$ with isolat$)) same ((corner or corners) with (etch$ or patern$ or remov$)))) not (((etch$ or patern$ or remov$) with ((corner or corners) with (lower or bottom))) not (((etch$ or patern$ or remov$) with ((corner or corners) with (lower or bottom))) not ((((sti or (shallow with trench$ with isolat$)) and ((corner or corners) with (etch$ or patern$ or remov$))) and ((etch$ or patern$ or remov$) with ((corner or corners) with (lower or bottom)))) not ((sti or (shallow with trench$ with isolat$)) same ((corner or corners) with (etch$ or patern$ or remov$)))))))))) not ((((corner or corners) with (etch$ or patern$ or remov$)) not (((corner or corners) with (etch$ or patern$ or remov$)) not ((((sti or (shallow with trench$ with isolat$)) and ((corner or corners) with (etch$ or patern$ or remov$))) not ((sti or (shallow with trench$ with isolat$)) same ((corner or corners) with (etch$ or patern$ or remov$)))) not (((etch$ or patern$ or remov$) with ((corner or corners) with (lower or bottom))) not (((etch$ or patern$ or remov$) with ((corner or corners) with (lower or bottom))) not ((((sti or (shallow with trench$ with isolat$)) and ((corner or corners) with (etch$ or patern$ or remov$))) and ((etch$ or patern$ or remov$) with ((corner or corners) with (lower or bottom)))) not ((sti or (shallow with trench$ with isolat$)) same ((corner or corners) with (etch$ or patern$ or remov$))))))))) and (sti.ti,ab. or ((shallow with trench$ with isolat$).ti,ab.))) | USPAT; US-PGPUB | 2004/08/14 20:06 |

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24	73	(((corner or corners) with (etch$ or patern$ or remov$)) not ((((corner or corners) with (etch$ or patern$ or remov$)) not (((((sti or (shallow with trench$ with isolat$)) and ((corner or corners) with (etch$ or patern$ or remov$))) not ((sti or (shallow with trench$ with isolat$)) same ((corner or corners) with (etch$ or patern$ or remov$)))) not ((((etch$ or patern$ or remov$) with ((corner or corners) with (lower or bottom))) not ((((etch$ or patern$ or remov$) with ((corner or corners) with (lower or bottom))) not (((((sti or (shallow with trench$ with isolat$)) and ((corner or corners) with (etch$ or patern$ or remov$))) and ((etch$ or patern$ or remov$) with ((corner or corners) with (lower or bottom)))) not ((sti or (shallow with trench$ with isolat$)) same ((corner or corners) with (etch$ or patern$ or remov$)))))))))) not ((((corner or corners) with (etch$ or patern$ or remov$)) not (((corner or corners) with (etch$ or patern$ or remov$)) not (((((sti or (shallow with trench$ with isolat$)) and ((corner or corners) with (etch$ or patern$ or remov$))) not ((sti or (shallow with trench$ with isolat$)) same ((corner or corners) with (etch$ or patern$ or remov$)))) not ((((etch$ or patern$ or remov$) with ((corner or corners) with (lower or bottom))) not (((etch$ or patern$ or remov$) with ((corner or corners) with (lower or bottom))) not (((((sti or (shallow with trench$ with isolat$)) and ((corner or corners) with (etch$ or patern$ or remov$))) and ((etch$ or patern$ or remov$) with ((corner or corners) with (lower or bottom)))) not ((sti or (shallow with trench$ with isolat$)) same ((corner or corners) with (etch$ or patern$ or remov$))))))))) not ((((corner or corners) with (etch$ or patern$ or remov$)) not (((corner or corners) with (etch$ or patern$ or remov$)) not ((((sti or (shallow with trench$ with isolat$)) and ((corner or corners) with (etch$ or patern$ or remov$))) not ((sti or (shallow with trench$ with isolat$)) same ((corner or corners) with (etch$ or patern$ or remov$)))) not (((etch$ or patern$ or remov$) with ((corner or corners) with (lower or bottom))) not (((etch$ or patern$ or remov$) with ((corner or corners) with (lower or bottom))) not (((((sti or (shallow with trench$ with isolat$)) and ((corner or corners) with (etch$ or patern$ or remov$))) and ((etch$ or patern$ or remov$) with ((corner or corners) with (lower or bottom)))) not ((sti or (shallow with trench$ with isolat$)) same ((corner or corners) with (etch$ or patern$ or remov$))))))))) and (sti.ti,ab. or ((shallow with trench$ with isolat$).ti,ab.))))	USPAT; US-PGPUB	2004/08/14 20:24
25	229804	(two or dual) with step	USPAT; US-PGPUB	2004/08/14 20:30
26	12797	(etch$ or patern$ or remov$) with ((two or dual) with step)	USPAT; US-PGPUB	2004/08/14 20:25

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| 27 | 258 | (((corner or corners) with (etch$ or patern$ or remov$)) not (((corner or corners) with (etch$ or patern$ or remov$)) not ((((sti or (shallow with trench$ with isolat$)) and ((corner or corners) with (etch$ or patern$ or remov$))) not ((sti or (shallow with trench$ with isolat$)) same ((corner or corners) with (etch$ or patern$ or remov$)))) not (((etch$ or patern$ or remov$) with ((corner or corners) with (lower or bottom))) not (((etch$ or patern$ or remov$) with ((corner or corners) with (lower or bottom))) not ((((sti or (shallow with trench$ with isolat$)) and ((corner or corners) with (etch$ or patern$ or remov$))) and ((etch$ or patern$ or remov$) with ((corner or corners) with (lower or bottom)))) not ((sti or (shallow with trench$ with isolat$)) same ((corner or corners) with (etch$ or patern$ or remov$))))))))) not ((((corner or corners) with (etch$ or patern$ or remov$)) not (((corner or corners) with (etch$ or patern$ or remov$)) not ((((sti or (shallow with trench$ with isolat$)) and ((corner or corners) with (etch$ or patern$ or remov$))) not ((sti or (shallow with trench$ with isolat$)) same ((corner or corners) with (etch$ or patern$ or remov$)))) not (((etch$ or patern$ or remov$) with ((corner or corners) with (lower or bottom))) not (((etch$ or patern$ or remov$) with ((corner or corners) with (lower or bottom))) not ((((sti or (shallow with trench$ with isolat$)) and ((corner or corners) with (etch$ or patern$ or remov$))) and ((etch$ or patern$ or remov$) with ((corner or corners) with (lower or bottom)))) not ((sti or (shallow with trench$ with isolat$)) same ((corner or corners) with (etch$ or patern$ or remov$))))))))) not ((((corner or corners) with (etch$ or patern$ or remov$)) not (((corner or corners) with (etch$ or patern$ or remov$)) not ((((sti or (shallow with trench$ with isolat$)) and ((corner or corners) with (etch$ or patern$ or remov$))) not ((sti or (shallow with trench$ with isolat$)) same ((corner or corners) with (etch$ or patern$ or remov$)))) not (((etch$ or patern$ or remov$) with ((corner or corners) with (lower or bottom))) not (((etch$ or patern$ or remov$) with ((corner or corners) with (lower or bottom))) not ((((sti or (shallow with trench$ with isolat$)) and ((corner or corners) with (etch$ or patern$ or remov$))) and ((etch$ or patern$ or remov$) with ((corner or corners) with (lower or bottom)))) not ((sti or (shallow with trench$ with isolat$)) same ((corner or corners) with (etch$ or patern$ or remov$))))))))) not ((((corner or corners) with (etch$ or patern$ or remov$)) not (((corner or corners) with (etch$ or patern$ or remov$)) not ((((sti or (shallow with trench$ with isolat$)) and ((corner or corners) with (etch$ or patern$ or remov$))) not ((sti or (shallow with trench$ with isolat$)) same ((corner or corners) with (etch$ or patern$ or remov$)))) not (((etch$ or patern$ or remov$) with ((corner or corners) with (lower or bottom))) not (((etch$ or patern$ or remov$) with ((corner or corners) with (lower or bottom))) not ((((sti or (shallow with trench$ with isolat$)) and ((corner or corners) with (etch$ or patern$ or remov$))) and ((etch$ or patern$ or remov$) with ((corner or corners) with (lower or bottom)))) not ((sti or (shallow with trench$ with isolat$)) same ((corner or corners) with (etch$ or patern$ or remov$))))))))) and (sti.ti,ab. or ((shallow with trench$ with isolat$).ti,ab.))))) | USPAT; US-PGPUB | 2004/08/14 20:25 |

| 28 | 17 | ((etch$ or patern$ or remov$) with ((two or dual) with step)) and (((((corner or corners) with (etch$ or patern$ or remov$)) not (((corner or corners) with (etch$ or patern$ or remov$)) not ((((sti or (shallow with trench$ with isolat$)) and ((corner or corners) with (etch$ or patern$ or remov$))) not ((sti or (shallow with trench$ with isolat$)) same ((corner or corners) with (etch$ or patern$ or remov$)))) not (((etch$ or patern$ or remov$) with ((corner or corners) with (lower or bottom))) not (((etch$ or patern$ or remov$) with ((corner or corners) with (lower or bottom))) not (((((sti or (shallow with trench$ with isolat$)) and ((corner or corners) with (etch$ or patern$ or remov$))) and ((etch$ or patern$ or remov$) with ((corner or corners) with (lower or bottom)))) not ((sti or (shallow with trench$ with isolat$)) same ((corner or corners) with (etch$ or patern$ or remov$)))))))))) not ((((corner or corners) with (etch$ or patern$ or remov$)) not (((corner or corners) with (etch$ or patern$ or remov$)) not ((((sti or (shallow with trench$ with isolat$)) and ((corner or corners) with (etch$ or patern$ or remov$))) not ((sti or (shallow with trench$ with isolat$)) same ((corner or corners) with (etch$ or patern$ or remov$)))) not (((etch$ or patern$ or remov$) with ((corner or corners) with (lower or bottom))) not (((etch$ or patern$ or remov$) with ((corner or corners) with (lower or bottom))) not (((((sti or (shallow with trench$ with isolat$)) and ((corner or corners) with (etch$ or patern$ or remov$))) and ((etch$ or patern$ or remov$) with ((corner or corners) with (lower or bottom)))) not ((sti or (shallow with trench$ with isolat$)) same ((corner or corners) with (etch$ or patern$ or remov$))))))))) not ((((corner or corners) with (etch$ or patern$ or remov$)) not (((corner or corners) with (etch$ or patern$ or remov$)) not ((((sti or (shallow with trench$ with isolat$)) and ((corner or corners) with (etch$ or patern$ or remov$))) not ((sti or (shallow with trench$ with isolat$)) same ((corner or corners) with (etch$ or patern$ or remov$)))) not (((etch$ or patern$ or remov$) with ((corner or corners) with (lower or bottom))) not (((etch$ or patern$ or remov$) with ((corner or corners) with (lower or bottom))) not (((((sti or (shallow with trench$ with isolat$)) and ((corner or corners) with (etch$ or patern$ or remov$))) and ((etch$ or patern$ or remov$) with ((corner or corners) with (lower or bottom)))) not ((sti or (shallow with trench$ with isolat$)) same ((corner or corners) with (etch$ or patern$ or remov$)))))))))) and (sti.ti,ab. or ((shallow with trench$ with isolat$).ti,ab.)))))) | USPAT; US-PGPUB | 2004/08/14 20:27 |

| 29 | 241 | ((((corner or corners) with (etch$ or patern$ or remov$)) not (((corner or corners) with (etch$ or patern$ or remov$)) not ((((sti or (shallow with trench$ with isolat$)) and ((corner or corners) with (etch$ or patern$ or remov$))) not ((sti or (shallow with trench$ with isolat$)) same ((corner or corners) with (etch$ or patern$ or remov$)))) not (((etch$ or patern$ or remov$) with ((corner or corners) with (lower or bottom))) not (((etch$ or patern$ or remov$) with ((corner or corners) with (lower or bottom))) not ((((sti or (shallow with trench$ with isolat$)) and ((corner or corners) with (etch$ or patern$ or remov$))) and ((etch$ or patern$ or remov$) with ((corner or corners) with (lower or bottom)))) not ((sti or (shallow with trench$ with isolat$)) same ((corner or corners) with (etch$ or patern$ or remov$)))))))))) not (((((corner or corners) with (etch$ or patern$ or remov$)) not (((corner or corners) with (etch$ or patern$ or remov$)) not ((((sti or (shallow with trench$ with isolat$)) and ((corner or corners) with (etch$ or patern$ or remov$))) not ((sti or (shallow with trench$ with isolat$)) same ((corner or corners) with (etch$ or patern$ or remov$)))) not (((etch$ or patern$ or remov$) with ((corner or corners) with (lower or bottom))) not (((etch$ or patern$ or remov$) with ((corner or corners) with (lower or bottom))) not ((((sti or (shallow with trench$ with isolat$)) and ((corner or corners) with (etch$ or patern$ or remov$))) and ((etch$ or patern$ or remov$) with ((corner or corners) with (lower or bottom)))) not ((sti or (shallow with trench$ with isolat$)) same ((corner or corners) with (etch$ or patern$ or remov$))))))))) not (((((corner or corners) with (etch$ or patern$ or remov$)) not (((corner or corners) with (etch$ or patern$ or remov$)) not ((((sti or (shallow with trench$ with isolat$)) and ((corner or corners) with (etch$ or patern$ or remov$))) not ((sti or (shallow with trench$ with isolat$)) same ((corner or corners) with (etch$ or patern$ or remov$)))) not (((etch$ or patern$ or remov$) with ((corner or corners) with (lower or bottom))) not (((etch$ or patern$ or remov$) with ((corner or corners) with (lower or bottom))) not ((((sti or (shallow with trench$ with isolat$)) and ((corner or corners) with (etch$ or patern$ or remov$))) and ((etch$ or patern$ or remov$) with ((corner or corners) with (lower or bottom)))) not ((sti or (shallow with trench$ with isolat$)) same ((corner or corners) with (etch$ or patern$ or remov$))))))))) not (((((corner or corners) with (etch$ or patern$ or remov$)) not (((corner or corners) with (etch$ or patern$ or remov$)) not ((((sti or (shallow with trench$ with isolat$)) and ((corner or corners) with (etch$ or patern$ or remov$))) not ((sti or (shallow with trench$ with isolat$)) same ((corner or corners) with (etch$ or patern$ or remov$)))) not (((etch$ or patern$ or remov$) with ((corner or corners) with (lower or bottom))) not (((etch$ or patern$ or remov$) with ((corner or corners) with (lower or bottom))) not ((((sti or (shallow with trench$ with isolat$)) and ((corner or corners) with (etch$ or patern$ or remov$))) and ((etch$ or patern$ or remov$) with ((corner or corners) with (lower or bottom)))) not ((sti or (shallow with trench$ with isolat$)) same ((corner or corners) with (etch$ or patern$ or remov$))))))))) and (sti.ti,ab. or ((shallow with trench$ with isolat$).ti,ab.)))))) not (((etch$ or patern$ or remov$) with ((two or dual) with step)) and (((((corner or corners) with (etch$ or patern$ or remov$)) not (((corner or corners) with (etch$ or patern$ or remov$)) not ((((sti or (shallow with trench$ with isolat$)) and ((corner or corners) with (etch$ or patern$ or remov$))) not ((sti or (shallow with trench$ with isolat$)) same ((corner or corners) with (etch$ or patern$ or remov$)))) not (((etch$ or patern$ or remov$) with ((corner or corners) with (lower or bottom))) not (((etch$ or patern$ or | USPAT; US-PGPUB | 2004/08/14 20:27 |

remov$) with ((corner or corners) with (lower or bottom))) not ((((sti or (shallow with trench$ with isolat$)) and ((corner or corners) with (etch$ or patern$ or remov$))) and ((etch$ or patern$ or remov$) with ((corner or corners) with (lower or

30	1620	(shallow$ with trench$).ti,ab.	USPAT; US-PGPUB	2004/08/14 20:28

| 31 | 7 | (((((corner or corners) with (etch$ or patern$ or remov$)) not (((corner or corners) with (etch$ or patern$ or remov$)) not ((((sti or (shallow with trench$ with isolat$)) and ((corner or corners) with (etch$ or patern$ or remov$))) not ((sti or (shallow with trench$ with isolat$)) same ((corner or corners) with (etch$ or patern$ or remov$)))) not (((etch$ or patern$ or remov$) with ((corner or corners) with (lower or bottom))) not (((etch$ or patern$ or remov$) with ((corner or corners) with (lower or bottom))) not ((((sti or (shallow with trench$ with isolat$)) and ((corner or corners) with (etch$ or patern$ or remov$))) and ((etch$ or patern$ or remov$) with ((corner or corners) with (lower or bottom)))) not ((sti or (shallow with trench$ with isolat$)) same ((corner or corners) with (etch$ or patern$ or remov$))))))))) not ((((corner or corners) with (etch$ or patern$ or remov$)) not (((corner or corners) with (etch$ or patern$ or remov$)) not ((((sti or (shallow with trench$ with isolat$)) and ((corner or corners) with (etch$ or patern$ or remov$))) not ((sti or (shallow with trench$ with isolat$)) same ((corner or corners) with (etch$ or patern$ or remov$)))) not (((etch$ or patern$ or remov$) with ((corner or corners) with (lower or bottom))) not (((etch$ or patern$ or remov$) with ((corner or corners) with (lower or bottom))) not ((((sti or (shallow with trench$ with isolat$)) and ((corner or corners) with (etch$ or patern$ or remov$))) and ((etch$ or patern$ or remov$) with ((corner or corners) with (lower or bottom)))) not ((sti or (shallow with trench$ with isolat$)) same ((corner or corners) with (etch$ or patern$ or remov$))))))))) not ((((corner or corners) with (etch$ or patern$ or remov$)) not (((corner or corners) with (etch$ or patern$ or remov$)) not ((((sti or (shallow with trench$ with isolat$)) and ((corner or corners) with (etch$ or patern$ or remov$))) not ((sti or (shallow with trench$ with isolat$)) same ((corner or corners) with (etch$ or patern$ or remov$)))) not (((etch$ or patern$ or remov$) with ((corner or corners) with (lower or bottom))) not (((etch$ or patern$ or remov$) with ((corner or corners) with (lower or bottom))) not ((((sti or (shallow with trench$ with isolat$)) and ((corner or corners) with (etch$ or patern$ or remov$))) and ((etch$ or patern$ or remov$) with ((corner or corners) with (lower or bottom)))) not ((sti or (shallow with trench$ with isolat$)) same ((corner or corners) with (etch$ or patern$ or remov$))))))))) not ((((corner or corners) with (etch$ or patern$ or remov$)) not (((corner or corners) with (etch$ or patern$ or remov$)) not ((((sti or (shallow with trench$ with isolat$)) and ((corner or corners) with (etch$ or patern$ or remov$))) not ((sti or (shallow with trench$ with isolat$)) same ((corner or corners) with (etch$ or patern$ or remov$)))) not (((etch$ or patern$ or remov$) with ((corner or corners) with (lower or bottom))) not (((etch$ or patern$ or remov$) with ((corner or corners) with (lower or bottom))) not ((((sti or (shallow with trench$ with isolat$)) and ((corner or corners) with (etch$ or patern$ or remov$))) and ((etch$ or patern$ or remov$) with ((corner or corners) with (lower or bottom)))) not ((sti or (shallow with trench$ with isolat$)) same ((corner or corners) with (etch$ or patern$ or remov$))))))))) and (sti.ti,ab. or ((shallow with trench$ with isolat$).ti,ab.)))))) not (((etch$ or patern$ or remov$) with ((two or dual) with step)) and ((((corner or corners) with (etch$ or patern$ or remov$)) not (((corner or corners) with (etch$ or patern$ or remov$)) not ((((sti or (shallow with trench$ with isolat$)) and ((corner or corners) with (etch$ or patern$ or remov$))) not ((sti or (shallow with trench$ with isolat$)) same ((corner or corners) with (etch$ or patern$ or remov$)))) not (((etch$ or patern$ or remov$) with ((corner or corners) with (lower or bottom))) not (((etch$ or patern$ or remov$) with ((corner or corners) with (lower or bottom))) not ((((sti or (shallow with trench$ with isolat$)) and ((corner or corners) with (etch$ or patern$ or remov$))) and ((etch$ or patern$ or remov$) with ((corner or corners) with (lower or | USPAT; US-PGPUB | 2004/08/14 20:28 |

32	149738	corner or corners	JPO; DERWENT	2004/08/14 20:29
33	1528	sti	JPO; DERWENT	2004/08/14 20:29
34	3000	shallow with trench$	JPO; DERWENT	2004/08/14 20:30
35	2319277	lower or bottom	JPO; DERWENT	2004/08/14 20:30
36	29052	(two or dual) with step	JPO; DERWENT	2004/08/14 20:30
37	1608686	etch$ or patern$ or remov$	JPO; DERWENT	2004/08/14 20:31
38	232	(corner or corners) and (etch$ or patern$ or remov$) and (sti or (shallow with trench$))	JPO; DERWENT	2004/08/14 20:31
39	56	((corner or corners) and (etch$ or patern$ or remov$) and (sti or (shallow with trench$))) and ((lower or bottom) or ((two or dual) with step))	JPO; DERWENT	2004/08/14 20:37
40	176	((corner or corners) and (etch$ or patern$ or remov$) and (sti or (shallow with trench$))) not (((corner or corners) and (etch$ or patern$ or remov$) and (sti or (shallow with trench$))) and ((lower or bottom) or ((two or dual) with step)))	JPO; DERWENT	2004/08/14 20:37
41	68	((((corner or corners) and (etch$ or patern$ or remov$) and (sti or (shallow with trench$))) not (((corner or corners) and (etch$ or patern$ or remov$) and (sti or (shallow with trench$))) and ((lower or bottom) or ((two or dual) with step)))) and (1st or 2nd or first or second or step or (corner or corners) st or sti nd)	JPO; DERWENT	2004/08/14 20:44
42	108	((((corner or corners) and (etch$ or patern$ or remov$) and (sti or (shallow with trench$))) not (((corner or corners) and (etch$ or patern$ or remov$) and (sti or (shallow with trench$))) and ((lower or bottom) or ((two or dual) with step)))) not (((((corner or corners) and (etch$ or patern$ or remov$) and (sti or (shallow with trench$))) not (((corner or corners) and (etch$ or patern$ or remov$) and (sti or (shallow with trench$))) and ((lower or bottom) or ((two or dual) with step)))) and (1st or 2nd or first or second or step or (corner or corners) st or sti nd))	JPO; DERWENT	2004/08/14 20:44
43	2	(((((corner or corners) and (etch$ or patern$ or remov$) and (sti or (shallow with trench$))) not (((corner or corners) and (etch$ or patern$ or remov$) and (sti or (shallow with trench$))) and ((lower or bottom) or ((two or dual) with step)))) not (((((corner or corners) and (etch$ or patern$ or remov$) and (sti or (shallow with trench$))) not (((corner or corners) and (etch$ or patern$ or remov$) and (sti or (shallow with trench$))) and ((lower or bottom) or ((two or dual) with step)))) and (1st or 2nd or first or second or step or (corner or corners) st or sti nd))) and chamber	JPO; DERWENT	2004/08/14 20:45

44	106	((((corner or corners) and (etch$ or patern$ or remov$) and (sti or (shallow with trench$))) not (((corner or corners) and (etch$ or patern$ or remov$) and (sti or (shallow with trench$))) and ((lower or bottom) or ((two or dual) with step)))) not (((((corner or corners) and (etch$ or patern$ or remov$) and (sti or (shallow with trench$))) not (((corner or corners) and (etch$ or patern$ or remov$) and (sti or (shallow with trench$))) and ((lower or bottom) or ((two or dual) with step)))) and (1st or 2nd or first or second or step or (corner or corners) st or sti nd))) not (((((corner or corners) and (etch$ or patern$ or remov$) and (sti or (shallow with trench$))) not (((corner or corners) and (etch$ or patern$ or remov$) and (sti or (shallow with trench$))) and ((lower or bottom) or ((two or dual) with step)))) not (((((corner or corners) and (etch$ or patern$ or remov$) and (sti or (shallow with trench$))) not (((corner or corners) and (etch$ or patern$ or remov$) and (sti or (shallow with trench$))) and ((lower or bottom) or ((two or dual) with step)))) and (1st or 2nd or first or second or step or (corner or corners) st or sti nd))) and chamber)	JPO; DERWENT	2004/08/14 20:54
45	766835	chamber	JPO; DERWENT	2004/08/14 20:54
46	37	(sti or (shallow with trench$)) and chamber and (etch$ or patern$ or remov$)	JPO; DERWENT	2004/08/14 20:55
47	33	((sti or (shallow with trench$)) and chamber and (etch$ or patern$ or remov$)) not ((corner or corners) and (etch$ or patern$ or remov$) and (sti or (shallow with trench$)))	JPO; DERWENT	2004/08/14 20:59
48	0	((sti or (shallow with trench$)) and chamber and (etch$ or patern$ or remov$)) not ((corner or corners) and (etch$ or patern$ or remov$) and (sti or (shallow with trench$)))	USPAT; US-PGPUB	2004/08/14 20:59
49	606749	chamber	USPAT; US-PGPUB	2004/08/14 20:59
50	141	(sti or (shallow with trench$ with isolat$)) same (etch$ or patern$ or remov$) same chamber	USPAT; US-PGPUB	2004/08/14 21:03
51	127172	(dual or two) with chamber	USPAT; US-PGPUB	2004/08/14 21:00
52	214917	chambers	USPAT; US-PGPUB	2004/08/14 21:00
53	21	((sti or (shallow with trench$ with isolat$)) same (etch$ or patern$ or remov$) same chamber) same (((dual or two) with chamber) or chambers)	USPAT; US-PGPUB	2004/08/14 21:00
54	0	(sti or (shallow with trench$ with isolat$)) same (etch$ or patern$ or remov$) same compartments	USPAT; US-PGPUB	2004/08/14 21:03

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